

To J328, Relay option header
Molex 26-60-4090 or 26-61-4090.
Can be used with 09-50-8091 or many others)

J328-2 (+)
J328-3 (-)
J328-6 (S+)
J328-7 (S-)
J328-9 (Shield)
Conn_01x04_Male

If you want to disable the back connector
and lower noise on the sense lines, then:
from main PCB, remove
R451
R435
R434
R449
R448
R454

Also see <https://www.barbouri.com/2021/04/23/hewlett-packard-agilent-6632b-upgrade/>

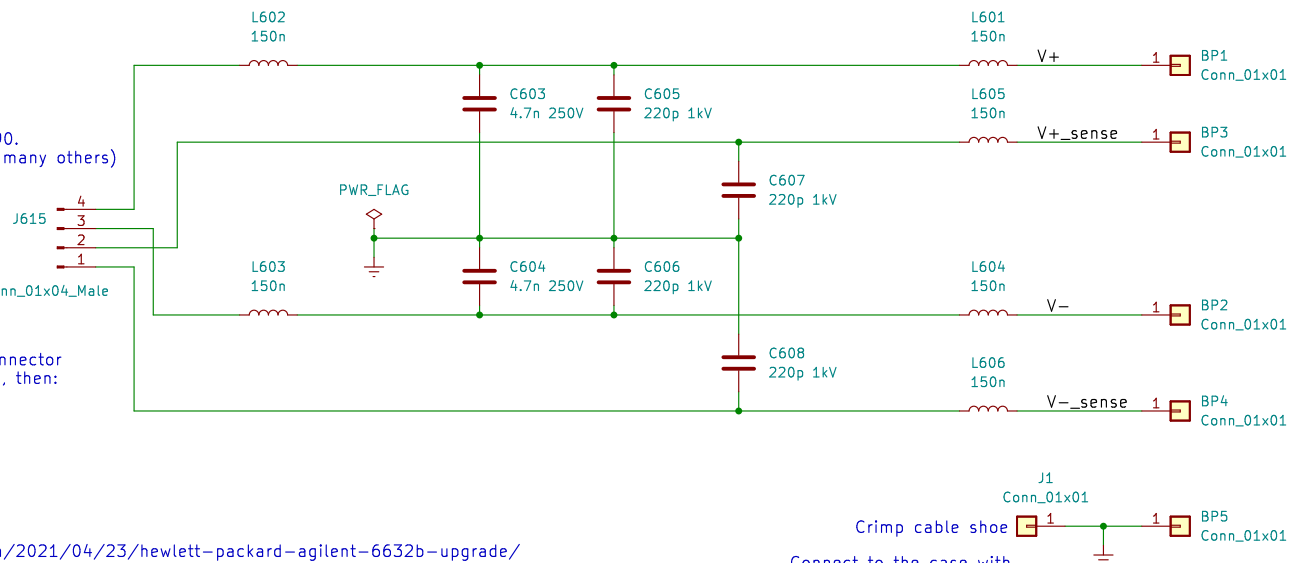
Cable used:

Option 1:

4 core, 0.75 mm², outer diameter <= 6.2 mm like
Belden 4GB-BC50 (Farnell 2892539) or Lapp Kabel 1312104 (Farnell 1491515),
50 cm length, remove 3.5 cm of the outer isolation on each side
before crimping.

Option 2:

2 times 3 conductor shielded 18AWG/0.75mm² like TE 44A1231-18-0/2/9-9
one cable per polarity
per cable:
2 wires for (+ or -)
1 wire for sense (+ or -)
shield connected at one side only



Connect to the case with
15 cm of 0.5 mm² or more (AWG 20) wire.
a serrated washer and a pan head bolt
(M3x8 in a new hole or a short M5 to the side)

Not related to the front panel posts, but good to do anyway:
Replace the RIFA PME271 on the mains entry board if it has
not yet been replaced.

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Schema slightly, but PCB thoroughly adapted by Hans Boot
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Title: HP 6632B Front Panel Binding Posts PCB

Size: A4 Date: 2022-09-18
KiCad E.D.A. kicad 7.0.6-0

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